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The Ohio State University Bulletin includes announcements of the University, the colleges of Agriculture and Domestic Science, Arts, Philosophy, and Science, Engineering, Law, Pharmacy, and Veterinary Medicine, the Graduate School, the Summer Term, departments of instruction, and reports of Officers of the University, etc.

Note: In requesting any of the above publications address the Secretary University Faculty, Ohio State University, Columbus, Ohio.

VOLUME X

NUMBER 6

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Ohio State University  
Bulletin

College of Pharmacy



JANUARY 25, 1906

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PUBLISHED BY THE UNIVERSITY AT COLUMBUS

## UNIVERSITY CALENDAR.

1906.

Entrance examinations, (8 a. m.) Tuesday to Saturday, June 12-16.

Summer Term, June 25 to August 3.

Entrance examinations, (8 a. m.) Tuesday to Saturday, September 11-15.

First term begins—Registration Day—Tuesday, September 18.

President's Annual Address, (11 a. m.) Friday, September 21.

Latest date of admission to candidacy for a degree at the Commencement of June, 1907, September 29.

Latest date for filing theses subjects, Saturday, December 15.

First term ends, December 19.

1907.

Second term begins—Registration Day—Wednesday, January 2.

Washington's Birthday, Friday, February 22.

Second term ends, Friday, March 29.

Third term begins—Registration Day—Wednesday, April 3.

Field Day—Athletic Association—Saturday, May 11.

Competitive Drill—Cadet Battalion—Saturday, May 25.

Memorial Day, Thursday, May 30.

Final examinations, Friday to Thursday, June 7-13.

Latest date for presenting theses, Saturday, June 8.

Entrance examinations, (8 a. m.) Tuesday to Saturday, June 11 to 15.

Latest date for filing bound copy of theses, Friday, June 14.

Commencement, Wednesday, June 19.

## OHIO STATE UNIVERSITY.

The Ohio State University, located in Columbus two miles north of the Union Station, is a part of the public educational facilities maintained by the State. It comprises six colleges:

The College of Agriculture and Domestic Science,

The College of Arts, Philosophy, and Science,

The College of Engineering,

The College of Law,

The College of Pharmacy,

The College of Veterinary Medicine.

This bulletin of announcements is devoted exclusively to the work of the College of Pharmacy.



## COLLEGE OF PHARMACY

The Department of Pharmacy was created at the University immediately after the passage of the State law requiring the examination and registration of all persons desiring to engage in the practice of pharmacy. Later, when the growth of the University made it advisable to form separate colleges, the College of Pharmacy was established. This college endeavors to offer to the student every facility for thorough training in all that pertains to the subject of pharmacy.

The necessity of special technical training in this subject is now generally recognized, and indeed, without it there can be no true success in the calling. The opportunities for profitable employment to the skilled pharmaceutical chemist are many and his services are in constant demand. In addition to the usual work as prescription and dispensing chemist, he is often found employed as chemist to the physician, expert in manufacturing establishments, or in one of the many lines of industrial chemistry.

### FACULTY OF THE COLLEGE OF PHARMACY.

WILLIAM OXLEY THOMPSON, D. D., LL. D., President of the University.

GEORGE BEECHER KAUFFMAN, B. Sc., Pharm. D., Professor of Pharmacy and Dean of the College of Pharmacy.

SIDNEY AUGUSTUS NORTON, Ph. D., LL. D., Emeritus Professor of Chemistry.

NATHANIEL WRIGHT LORD, E. M., Professor of Metallurgy and Mineralogy and Director of the School of Mines.

ALBERT MARTIN BLEILE, M. D., Professor of Anatomy and Physiology.

WILLIAM ASHBROOK KELLERMAN, Ph. D., Professor of Botany.

JOSEPH VILLIERS DENNEY, B. A., Professor of Rhetoric and the English Language.

WILLIAM MCPHERSON, D. Sc., Ph. D., Professor of Chemistry and Secretary to the College of Pharmacy.

CHARLES SMITH PROSSER, M. Sc., Professor of Geology.

JOHN ADAMS BOWNOCKER, D. Sc., Professor of Inorganic Geology and Curator of the Geological Museum.

ALFRED DODGE COLE, M. A., Professor of Physics.

LEWIS A. RHOADES, Ph. D., Professor of Germanic Languages and Literature.

CHARLES BRADFIELD MORREY, B. A., M. D., Professor of Bacteriology.

GEORGE WASHINGTON MCCOARD, M. A., Associate Professor of Mathematics.

WILLIAM EDWARDS HENDERSON, B. A., Ph. D., Associate Professor of Chemistry.

CHARLES WILLIAM FOULK, B. A., Associate Professor of Chemistry.

JOHN HENRY SCHAFFNER, M. A., M. Sc., Associate Professor of Botany.

WILLIAM LUCIUS GRAVES, M. A., Assistant Professor of Rhetoric.

CLAIR ALBERT DYE, G. Ph., Ph. D., Assistant Professor of Pharmacy.

CHARLES LINCOLN ARNOLD, M. Sc., Assistant Professor of Mathematics.

ROBERT F. EARHART, Ph. D., Assistant Professor of Physics.

WILLIAM LLOYD EVANS, Ph. D., Assistant Professor of Chemistry.

BERTHOLD A. EISENLOHR, B. Ph., Instructor in German.

CATHERINE EMILY ANDREWS, M. A., Instructor in Chemistry.

CLINTON GEORGE STEWART, B. A., Assistant in Chemistry.

HOWARD R. WATKINS, M. Sc., Assistant in Chemistry.

H. A. GLEASON, M. Sc., Assistant in Botany.

RAYMOND J. SEYMOUR, B. Sc., Assistant in Anatomy and Physiology.

EDWARD SPEASE, Ph. C., Assistant in Pharmacy.

### HOLDERS OF FELLOWSHIPS.

JAMES ANDERSON BEER, Anatomy and Physiology.

EDITH H. RICHARDSON, English.

ROBERT F. GRIGGS, B. Sc., Botany.

OPAL TILLMAN, Botany.

JOHN M. KNOTE, B. A., Chemistry.

RICHARD G. BROWN, English.

CLARENCE C. VOGT, B. A., Chemistry.

### COURSES

Two courses of study are offered in this college, viz: The Short Course, extending over a period of two collegiate years; and the Long Course, extending over a period of four collegiate years. The object of the Short Course is to train students for the general work of the dispensing pharmacist. It fully meets the requirements of the State Board of Pharmacy, and students completing it find no difficulty in securing registration. The Long Course, on the other hand, furnishes much more extensive and more thorough training, thus enabling the graduate to successfully follow any line of chemical or pharmaceutical work.

### ADMISSION TO THE SHORT COURSE.

On October 13, 1904, the Ohio Board of Pharmacy fixed the minimum requirement for admission to Schools and Colleges of Pharmacy by resolution, as follows:

*Resolved*, That on and after July 1st, 1905, no school or college of pharmacy shall be recognized as in good standing by the Ohio Board of Pharmacy, which does not require of all applicants as a minimum condition of admission, a common school education, or the equivalent thereof, which shall



include one year in a High School of the first grade (Ohio), or an academy, legally constituted, providing a course of study of not less than four years.

Later, in explanation of above resolution, the following was issued:

### REQUIREMENTS EXPLAINED.

In order to dispel any doubt as to the meaning of the term "equivalent" to one year in a High School of first grade (Ohio), used in the resolutions of October 13th, 1904, the board hereby specifies a minimum equivalent as embracing one year of instruction in each of the following branches: Algebra, English, Natural Science and History (United States or General History).

Any school of pharmacy may admit to a course in pharmacy an applicant who has received instruction in the branches herein named in a High School, Academy, or other educational institution for a period of one year.

By order of the Board of Pharmacy.

W. R. OGIER, *Secretary*.

Columbus, Ohio, April 1st, 1905.

In order to conform to the requirements of the Board, applicants for admission to the short course must present certificates showing instruction in the following:

English, one year.

Algebra, one year.

History (United States or General), one year.

Natural Science, one year.

The requirements in Natural Science may be met by any of the following or by combination of them: Physical Geography, Physics, Physiology, Chemistry, Botany.

Applicants who do not present certificates will be required to pass an examination in the above subjects.

## SHORT COURSE.

Note.—The figure in parenthesis following the names of each study indicates the number of the study in its department, the second the credit hours. A brief description of department work follows in the statement of courses.

## FIRST YEAR.

First Term—Chemistry (3) 5, Latin (1) 4, Physics (1), 5, Pharmacy (6) 3, Cadet service (Men), Physical Training (Women).

Second Term—Chemistry (3) 5, Latin (1) 4, Physics (1) 5, Pharmacy (7) 5, Cadet service (Men), Physical Training (Women).

Third Term—Chemistry (12a) 4, Latin (1) 4, Botany (1) 5, Pharmacy (8) 5, Cadet service (Men), Physical Training (Women).

## SECOND YEAR.

First Term—Pharmacy (13) 3, Chemistry (34) 5, Pharmacy (9) 5, Physiology (2) 3, Bacteriology (1) 2, Cadet service (Men), Physical Training (Women).

Second Term—Pharmacy (13) 3, Chemistry (34) 5, Pharmacy (10) 5, Pharmacy (18) 3, Bacteriology (1) 2, Cadet service (Men), Physical Training (Women).

Third Term—Pharmacy (14) 3, Chemistry (11) 4, Pharmacy (11) 5, Physiology (5) 2, Pharmacy (19) 3, Cadet service (Men), Physical Training (Women).

## ADMISSION TO THE LONG COURSE.

Each applicant for admission must be provided with credentials from his last instructor or from the last institution with which he has been connected, showing that he was in good standing.

Applicants will be admitted on passing a satisfactory examination in the studies prescribed for admission. In lieu of an examination, certificates from the following accredited and recognized schools will be accepted, but only under the following conditions:



(a). The certificate must state in detail the studies pursued, the text-books used, the amount of work done in each study, the amount of time devoted to it, and the fact that the applicant has successfully passed in the work.

(b). The certificate will be accepted for such studies only, or such part of each, as it shall show to have been satisfactorily accomplished.

(c). Every such certificate must be accompanied with a diploma showing that the candidate has been graduated from the school from which he comes. *Blank certificates may be obtained by addressing the SECRETARY, ENTRANCE BOARD, OHIO STATE UNIVERSITY, COLUMBUS.* Certificates should be filled out and returned to the University as early as possible after the close of the schools in June, and in any event not later than September 1.

(d). No student will be given credit for work done unless he has been graduated from the school; except that students who bring certificates showing that they have completed at least three years' work in an accredited school will be admitted without examination on the subjects covered by the certificate.

Under the plan of classification of high schools, adopted by the Ohio State University, the following list of Ohio schools has been prepared:

### LIST OF ACCREDITED AND RECOGNIZED SCHOOLS IN OHIO.

(These lists are subject to change from year to year as schools are revisited. Persons are therefore advised to consult the latest bulletin.)

Alliance R.  
Akron A.  
Ashland A.  
Ashtabula A.  
Athens R.  
Baltimore R.  
Barnesville A.  
Batavia R.  
Bedford R.

Bellaire R.  
Bellefontaine A.  
Bellevue R.  
Bethel Township, Clark Co. R.  
Bethel Township, Miami Co. R.  
Bryan A.  
Bucyrus A.  
Caldwell R.  
Cambridge A.

- |                                |                          |
|--------------------------------|--------------------------|
| Canal Dover R.                 | Garrettsville. R.        |
| Canal Winchester R.            | Georgetown A.            |
| Canton A.                      | Germantown R.            |
| Carey R.                       | Glendale A.              |
| Celina R.                      | Glenville A.             |
| Chagrin Falls R.               | Gnadenhutten R.          |
| Chardon A.                     | Grand River Institute A. |
| Chillicothe A.                 | Granville R.             |
| Cincinnati—                    | Greenfield A.            |
| Hughes A.                      | Greenville A.            |
| Walnut Hills A.                | Groveport R.             |
| Woodward A.                    | Hamilton A.              |
| Cincinnati Technical School A. | Harmony Township (Clark  |
| Circleville A.                 | County) R.               |
| Cleveland—                     | Hillsboro A.             |
| Central A.                     | Ironton A.               |
| East A.                        | Jackson A.               |
| Lincoln A.                     | Jefferson A.             |
| West A.                        | Kenton A.                |
| South A.                       | Kingsville A.            |
| Clintonville R.                | Kirtland R.              |
| Clyde A.                       | Lakeside A.              |
| Collinwood A.                  | Lakewood A.              |
| Columbus—                      | Lancaster A.             |
| Central A.                     | Lebanon R.               |
| East A.                        | Leipsic R.               |
| North A.                       | Lima A.                  |
| South A.                       | Lockland A.              |
| Columbus School for Girls A.   | Logan A.                 |
| Columbus Grove R.              | London A.                |
| Conneaut R.                    | Lorain R.                |
| Corning R.                     | Madison R.               |
| Coshocton A.                   | Madisonville A.          |
| Covington R.                   | Mad River Township (Enon |
| Cuyahoga Falls R.              | Village) R.              |
| Dayton A.                      | Mansfield A.             |
| Delaware A.                    | Marietta A.              |
| DeGraff R.                     | Marion A.                |
| Dennison R.                    | Martins Ferry A.         |
| East Cleveland A.              | Marysville A.            |
| East Liverpool A.              | Massillon R.             |
| Elyria A.                      | Medina A.                |
| Euclid R.                      | Mechanicsburg A.         |
| Findlay A.                     | Miamisburg A.            |
| Fort Recovery R.               | Middletown A.            |
| Fostoria A.                    | Mt. Sterling R.          |
| Fremont A.                     | Mt. Vernon A.            |
| Friends' Boarding School       | Napoleon R.              |
| Barnesville R.                 | Nelsonville A.           |
| Galion A.                      | Newark A.                |
| Gallipolis A.                  | New Bremen R.            |

New Lexington R.	Sandusky A.
New London A.	Shelby R.
New Lyme Institute A.	Sidney A.
New Philadelphia A.	Solon R.
New Vienna R.	Somerset R.
Niles R.	South Charleston R.
North Baltimore R.	Spencerville R.
Norwalk A.	Springfield A.
Norwood R.	St. Marys A.
Oak Harbor R.	St. Paris R.
Oberlin A.	Tiffin A.
Oberlin Academy A.	Tippecanoe City R.
Orrville R.	Toledo A.
Osborne R.	Troy A.
Ottawa R.	Uhrichsville R.
O. S. & S. O. Home R.	Urbana A.
Painesville A.	Upper Sandusky R.
Pandora R.	Van Wert A.
Pataskala R.	Wapakoneta R.
Perrysburg R.	Warren A.
Piqua A.	Washington C. H. A.
Plain City R.	Wauseon R.
Pleasant Ridge R.	Wellington A.
Pomeroy R.	Wellston A.
Port Clinton R.	Wellsville A.
Portsmouth A.	Willoughby A.
Quaker City R.	Woodfield R.
Ravenna R.	Wooster A.
Reynoldsburg R.	Worthington R.
Richwood R.	Wyoming A.
Riley Township (Putnam Co.)	Xenia A.
R.	Youngstown A.
Ripley R.	Zanesville A.
Salem A.	

A large number of schools of other States are on the accredited list of the University and applicants presenting certificates from schools outside of Ohio must see that the certificates furnish the details of work done in accordance with the foregoing regulations.



The following is a tabulated list of the entrance requirements to the Long Course:

<b>English:</b>		UNITS	<b>Sciences:</b>		UNITS
Rhetoric and Comp....	1	..	Botany.....		$\frac{1}{2}$
English Classics .....	1	..	Physics.....		1
			Physical Geography ...		$\frac{1}{2}$
<b>History-Civics:</b>			<b>Latin:</b>		
Civil Government.....	$\frac{1}{2}$	..	Elementary Book and		
United States History...	1	..	Grammar .....	1	..
General History.....	$\frac{1}{2}$	..	Cæsar I, II, III, IV	1	..
			or		
<b>Mathematics:</b>			<b>German:</b>		
Algebra.....	} 3	..	Elementary Book	} 1	..
Geometry (plane).....			Reader and Grammar..		
Geometry (solid) .....			Texts. ....		

Eleven units are required for unconditional admission to the Four Year Course.

A unit course of study is a course covering a school year of not less than thirty-five weeks, with four or five periods of at least forty-five minutes each per week.

For the present, the *German* required for admission may be begun at the University, but without University credit.

No applicants for admission to the University will be accepted who are deficient or conditioned in required entrance work representing in the aggregate more than three units, not counting the German. Entrance conditions may be made up, (1) by examination conducted only by the proper officers of this institution, in the subject or subjects in which the condition are incurred, or (2) by the substitution of excess work or other approved subjects, or (3) by the substitution of other work of equivalent amount to be done in the University at such times and in such subjects as the Faculty of the College shall direct.

Students who have any entrance conditions outstanding at the beginning of their third year of residence at the

University will not be allowed to register until such conditions have been removed.

*Application* for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any *later* date in his course.

## DISCUSSION OF THE ENTRANCE REQUIREMENTS TO THE LONG COURSE

### I. *Rhetoric, Composition. English Classics.*

Each applicant will be tested as to his ability to write clear and correct English. The test will be the writing of several brief essays, of which one will be upon a subject drawn from the applicant's observation or experience, and the others upon topics requiring a knowledge of the following books, or equivalents: Shakespeare's *Merchant of Venice*, *Julius Caesar*, and *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Conciliation with the Colonies*; Macauley's *Essays on Milton and Addison*; *The Sir Roger de Coverly Papers in The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essays on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

To meet the English requirements the schools should provide courses in composition-practice and courses in English classics extending side by side through the preparatory years.

In the courses in composition, pupils should be afforded regular and abundant practice in preparing narrative, descriptive, expository, and argumentative themes, and should be familiarized with those principles of Rhetoric which are most helpful in composition, such as the principles of sentence-structure, outlining, paragraphing, and choice of words. Scott and Denney's *Composition-Rhetoric* is recommended as a guide. The study of specimens of bad English

from a text-book is not recommended. In order to insure accuracy, a considerable amount of the written work of the pupils should be corrected by the teacher and revised and rewritten by the pupils. Some of the composition work may be based upon the reading prescribed above, but much of it should be based upon the observation and experience of the pupils.

In the course in English classics, pupils should read the prescribed books with sufficient care to become familiar with the plot, incidents, and characters of all of them and should also learn something of their authors and of their places in literary history. A few of these books, or portions of all of them, should be examined closely with reference to form, structure, method, language, and leading characteristics of style. The voluntary outside reading of additional books should be encouraged by the teacher. In connection with all of the reading it is recommended that the memorizing of notable passages of prose and poetry be required.

2. *Civil Government.* Fiske or Thorpe.
3. *United States History.* McLaughlin's History of the American Nation.
4. *General History.* Myer's.
5. *Algebra.* Taylor's Academic Algebra.
6. *Plane Geometry. Solid Geometry.* Venable, White, Wentworth, or Wells.
7. *Botany.* Kellerman's Elementary Botany and Spring Flora.
8. *Physics.* Carhart and Chute, Gage, Avery, or Appleton.
9. *Physical Geography.* Davis, Tarr, or Gilbert & Brigham.
10. *Latin.*

Pronunciation (the Roman Method); Grammar (an exact knowledge of the inflections is essential); Caesar, the first four books of the *De Bello Gallico*;

Or *German.*



Joynes-Meissner's or Thomas' Grammar is recommended. The essentials in these grammars should have been mastered thoroughly, *i. e.*, declensions of nouns, adjectives and pronouns, comparison of adjectives, prepositions, regular and irregular verbs and essentials of syntax.

The following books or their equivalents must have been read (not less than 600 pages): Joyne's or Whitney's Reader; Hillern's Hoeher als die Kirche; Riehl's Der Fluch der Schoenheit; Freytag's Die Verlorne Handschrift; Gerstacker's Irrfahrten.

### LONG COURSE.

#### DEGREE OF BACHELOR OF SCIENCE IN PHARMACY.

Note—The figure in parenthesis following the name of each study indicates the number of the study in its department, the second the credit hours. A brief description of department work follows in the statement of courses.

#### FIRST YEAR.

First Term—Chemistry (7) 5, Latin (1) 4, or German (1) 4, Mathematics (31) 5, Rhetoric (1) 2, Cadet Service (Men), Physical Training (Women).

Second Term—Chemistry (7) 5, Latin (1) 4, or German (1) 4, Mathematics (32) 5, Rhetoric (1) 2, Cadet Service (Men), Physical Training (Women).

Third Term—Chemistry (12) 4, Latin (1) 4, or German (1) 4, Mathematics (33) 5, Rhetoric (1) 2, Cadet Service (Men), Physical Training (Women).

#### SECOND YEAR.

First Term—Botany (3) 4, Chemistry (20) 4, Pharmacy (6) 3, Physics (11) 3, Chemistry (21) 2, Cadet Service (Men), Physical Training (Women).

Second Term—Botany (4) 2, Chemistry (20) 4, Pharmacy (7) 5, Physics (11) 3, Chemistry (21) 2, Chemistry (40) 1, Cadet Service (Men), Physical Training (Women).

Third Term—Chemistry (20) 4, German (2) 4, Pharmacy (8) 5, Physics (11) 3, Chemistry (21) 2, Chemistry (40) 1, Cadet Service (Men), Physical Training (Women).

## THIRD YEAR.

First Term—Pharmacy (9) 5, Pharmacy (12) 3, Physiology (1) 3, Bacteriology (1) 2, Chemistry (8) 5.

Second Term—Pharmacy (10) 5, Pharmacy (13) 3, Physiology (1) 3, Bacteriology (1) 2, Chemistry (9) 5.

Third Term—Pharmacy (11) 5, Pharmacy (14) 3, Physiology (1) 3, Chemistry (9) 5, Physiology (5) 2.

## FOURTH YEAR.

First Term—Geology (2) 5, Pharmacy (15) 5, Pharmacy (20) 3. Thesis.

Second Term—Geology (6) 3, Pharmacy (16) 5, Pharmacy (19) 3. Thesis.

Third Term—Chemistry (11) 4, Pharmacy (17) 5, Metallurgy (2) 3. Thesis.

Elective five hours.

## DEPARTMENTS OF INSTRUCTION

## ANATOMY AND PHYSIOLOGY.

Office Second Floor, Biological Hall.

PROFESSOR BLEILE, MR. SEYMOUR, DR. SNIVELY.

1. Human Anatomy and Physiology. Three credit hours throughout the year. M., W., F., 8-9. Dr. Snively.
5. Microscopy and Urinary Analysis. Two credit hours, third term. M. Tu., 9-10. Professor Bleile, Dr. Snively.
2. Human Anatomy and Physiology. Three credit hours, first term. M., W., F., 9-10. Professor Bleile.

## BACTERIOLOGY.

Office, Veterinary Hall, Second Floor.

PROFESSOR MORREY.

1. Bacteriology. Two credit hours, first and second terms. M., F., 10-11.

## BOTANY.

Office, Botanical Hall.

PROFESSOR KELLERMAN, ASSOCIATE PROFESSOR SCHAFFNER,  
MR. GLEASON.

1. Elementary Botany. Four credit hours, third term. M., Tu., Th., F., 10-11. Professor Kellerman, Mr. Gleason.
3. Systematic and Physiological Botany. Four credit hours, first term. M., Tu., F., 10-11, Th., 10-12. Professor Kellerman and Associate Professor Schaffner.
4. Medical Botany. Two credit hours, second term. M., Tu., 10-12. Professor Kellerman, Associate Professor Schaffner.

## CHEMISTRY.

Office, Chemical Building—East End, First Floor.

PROFESSOR M'PHERSON, PROFESSOR NORTON, ASSOCIATE PROFESSOR HENDERSON, ASSOCIATE PROFESSOR FOULK, ASSISTANT PROFESSOR EVANS, MISS ANDREWS, MR. WATKINS.

3. Elementary Chemistry. Five credit hours, first and second terms. M., 10-11, Th., 8, M., Tu., 1-4. Department Staff.
7. Elementary Chemistry. Five credit hours, first and second terms. M., 3-4, F., 9-10, Th., F., 1-4. Department Staff.
12. Qualitative Analysis. Four credit hours, third term. F., 9-10, Th., F., 1-4. Department Staff.
- 12a. Qualitative Analysis. Same as 12, but for Short Course students. M., Tu., 1-4, F., 9-10.
20. Quantitative Analysis. Four credit hours throughout the year. M., Tu., W., 1-3. Associate Professor Foulk.
21. Advanced General Chemistry. Two credit hours, throughout the year. Tu., Th., 9-10. Associate Professor Henderson.
11. Toxicology. Four credit hours, third term. M., Tu., Th., F., 10-11. Assistant Professor Dye, of the Department of Pharmacy.
8. Organic Chemistry. Five credit hours, first term. Tu., Th., 8-9, M., Tu., 1-4. Professor McPherson.
9. Organic Chemistry. Five credit hours, second and third terms. Tu., Th., 8-9, W., F., 1-4. Professor McPherson.
34. Organic Chemistry. Five credit hours, first and second terms. First term: Tu., Th., 9-10, M., Tu., 1-4. Second term: Tu., Th., 9-10, Th., F., 1-4. Professor Norton.



40. Stoichiometry. One credit hour, second and third terms.  
Th., 11-12. Associate Professor Foulk.

## GEOLOGY.

Office, Orton Hall.

PROFESSOR PROSSER, PROFESSOR BOWNOCKER.

2. General Geology. Five credit hours, first term. M., Tu., W., Th., F., 11-12. Field trips first half of term on Saturdays. Professor Prosser.
6. Economic Geology. Three credit hours, second term. M., W., F., 11-12. Professor Bownocker.

## ENGLISH.

Office, Room 44, University Hall.

PROFESSOR DENNEY, ASSISTANT PROFESSOR GRAVES.

4. Paragraph Writing and Analysis of Prose. Two credit hours, throughout the year. Tu., T., 9-10.

## GERMAN.

Room 30, University Hall.

PROFESSOR RHOADES, MR. EISENLOHR.

1. Elementary. Four credit hours, throughout the year. M., Tu., Th., F., 10-11. Mr. Eisenlohr.
2. Science Reading. Four credit hours, third term. M., Tu., W., Th., 8-9. Mr. Eisenlohr.

## LATIN.

Office, Veterinary Hall, First Floor.

ASSISTANT PROFESSOR DYE.

26. Pharmaceutical. Four credit hours, throughout the year. M., Tu., W., F., 8-9.

## MATHEMATICS.

Office, Room 45, University Hall.

ASSOCIATE PROFESSOR MCCOARD, ASSISTANT PROFESSOR ARNOLD.

31. College Algebra. Five credit hours. M., Tu., W., Th., F., 11-12.

32. Plane Trigonometry. Five credit hours, second term. M., Tu., W., Th., F., 11-12.
33. Plane Analytics. Five credit hours, third term. M., Tu., W., Th., F., 11-12.

## METALLURGY AND MINERALOGY.

Office, Townshend Hall, Second Floor.

PROFESSOR N. W. LORD.

2. Mineralogy. Three credit hours, third term. M., W., F., 11-12. Professor Lord.

## PHARMACY.

Office, Chemical Building, First Floor.

PROFESSOR KAUFFMAN, ASSISTANT PROFESSOR DYE, MR. SPEASE.

6. Pharmacy. Three credit hours, first term. M., W., F., 9-10. Professor Kauffman.
7. Pharmacy. Five credit hours, second term. M., W., 9-10; Laboratory; Short Course, Th., F., 1-4; Long Course, Th., 9-12, Sat., 8-12. Professor Kauffman, Assistant Professor Dye.
8. Dispensatories. Five credit hours, third term. Tu., Th., 11-12, Laboratory; Short Course, Th., F., 1-4; Long Course, Th., 10-12, Sat., 8-12. Professor Kauffman, Assistant Professor Dye.
9. Pharmaceutical Chemistry. Five credit hours, first term. Tu., Th., 11-12, W., Th., 1-4. Professor Kauffman, Assistant Professor Dye.
10. Extemporaneous Pharmacy. Five credit hours, second term. Tu., Th., 11-12, Tu., W., 1-4. Professor Kauffman, Assistant Professor Dye.
11. General Practice. Five credit hours, third term. Tu., Th., 11-12. Tu., W., 1-4. Professor Kauffman, Assistant Professor Dye.
12. Materia Medica. Three credit hours, first term. M., W., F., 11-12. Assistant Professor Dye.
13. Materia Medica. Three credit hours, second term. M., W., F., 11-12. Assistant Professor Dye.
14. Materia Medica. and Therapeutics. Three credit hours, third term. M., W., F., 11-12. Assistant Professor Dye.

15. Pharmaceutical Assaying. Five credit hours, first term. Schedule to be arranged with class. Professor Kauffman.
16. Methods of Manufacture. Five credit hours, second term. Schedule to be arranged with class. Professor Kauffman.
17. General Pharmacy. Five credit hours, third term. Schedule to be arranged with class. Professor Kauffman.
18. Pharmacognosy. Three credit hours, second term. Schedule to be arranged with class. Assistant Professor Dye.
19. Pharmacognosy. Three credit hours, third term. Schedule to be arranged with class. Assistant Professor Dye.
20. Pharmacognosy. Three credit hours, first term. Schedule to be arranged with class. Assistant Professor Dye.

## PHYSICS.

Office, Physics Building.

PROFESSOR COLE, ASSISTANT PROFESSOR EARHART.

1. Physics. Five credit hours, first and second terms. M., Tu., Th., F., 11-12. Laboratory three hours. Assistant Professor Earhart.
11. Physics. Three credit hours, throughout the year. W., 11-12, Th., F., 2-4. Professor Cole.

## FEEES

There is no fee for tuition.

INCIDENTAL FEE.—A charge of six dollars a term is made against all students, under the head of incidental expense. In the case of former students if this fee is not paid until the second day of the term one dollar will be added, and for each succeeding day of delinquency fifty cents will be added.

LABORATORY FEE.—A laboratory fee of one dollar per term is charged in each of the following: Anatomy and Physiology course No. 5; Bacteriology course No. 1; Botany courses Nos. 3 and 4; Chemistry courses Nos. 3, 7, 12, 12a, 20, 8, 9, and 34; Geology course No. 2; Pharmacy courses, Nos. 7, 8, 9, 10, 11, 15, 16, 17, 18, 19 and 20; Physics course No. 11.



By reference to the detail of courses the amount of the laboratory fee for any term may be easily determined.

In the Chemical and Pharmaceutical laboratories supplies are furnished the students at cost to the University. At the beginning of the year each student is required to take out a chemical store-room card at a cost of five dollars. With reasonable care this card should last at least a term.

*All term dues must be paid at the opening of each term as a condition of admission to classes.*

A fee of five dollars to cover expenses of graduation, diplomas, etc., is required of each person receiving one of the ordinary degrees from the University, and this fee must be paid before the degree is conferred.

### OTHER EXPENSES.

There are two dormitories on the University grounds for the use of students. Each occupant is charged by the University a rent of one dollar and fifty cents a term.

The South Dormitory affords unfurnished rooms to such students as desire to board themselves, and thus reduce their expenses to a minimum. The expense of living this way falls below two dollars per week. Applications for rooms should be made to the President of the University.

The North Dormitory accommodates more than sixty students. Board, furnished room, fuel, light and washing are, at present prices, supplied for about three dollars and twenty-five cents a week. Students will be admitted on special recommendation to the President of the University.

Boarding clubs are also formed in the neighborhood of the University. Furnished rooms are rented at seventy-five cents to one dollar a week for each student, and the cost of board does not exceed three dollars a week.

Board, with furnished rooms, can be obtained in private families, within convenient distances of the University, at rates varying from four dollars to five dollars a week. The average may be taken as four dollars.

The uniform with which members of the battalion are required to provide themselves costs about fourteen dollars. It is quiet in pattern, and is designed to be worn daily in place of civilian dress.

### SELF SUPPORT.

There is a large amount of work upon the University farm which is assigned to students, preference being given to those who are studying Agriculture. *But the University cannot promise work to all applicants.* Many students find work in private families, in offices, and in various occupations, by means of which they defray a portion of their expenses. A person of ability and energy, who is master of a trade, or who can do good work of any kind, can generally find employment, but prospective students are cautioned against depending wholly upon such uncertain sources of income.

Students should distinctly understand that where they attempt entire or partial self-support they should lengthen the term of study.

As an accommodation the executive office co-operates as far as possible in this matter. The Y. M. C. A. offers its services in helping young men to secure employment. Very much depends, however, on the individual's power of initiative. Students should not come to the University expecting others to find places for them. They should report to the executive office from time to time as to their needs and their work. This will enable the authorities to be more helpful than otherwise would be possible.

## GENERAL INFORMATION

### STANDING OF GRADUATES BEFORE OHIO BOARD OF PHARMACY.

The Ohio Pharmacy Law requires as a condition of registration as Pharmacist four years of practical experience, and for registration as Assistant Pharmacist two years of practical experience.

Recognizing the value of college training and desiring to encourage college attendance on the part of prospective Pharmacy students, the Ohio Board of Pharmacy accepts as applying on the requirements the full time spent in this college with an addition of one-third. Thus the graduates of the Short Course, which requires two years of nine months each, receive a credit of eighteen months plus six, or two years in all, and are therefore at once eligible as Assistant Pharmacists. The graduates of the Long Course, which requires four years of nine months each, receive credit of thirty-six months plus twelve, or four years in all, and are at once eligible as Pharmacists.

Under this ruling the graduates of this college can take up practical work without loss of time.

### QUIZ CLASS.

This class, composed of advanced students in Pharmacy and those who have had experience in drug stores, meets two hours every week, at periods suitable to the majority of the class.

The work is optional and consists of quizzes on Pharmacy, Chemistry, Botany, Materia Medica, Therapeutics, Toxicology and all branches which are of interest to the student preparing for the State Board examination. A textbook is used as a guide and part of the hour is devoted to work which has been outlined and the remainder of the time



to general questions. Specimens of botanical drugs and chemicals are at hand and are used for purposes of identification and study.

### PHARMACEUTICAL ASSOCIATION.

This is an organization which meets once a week for the purpose of discussing subjects of special interest to pharmacists. The membership is composed principally of students in the College of Pharmacy.

The exercises consist of a major and minor paper, reading and quiz. After the regular exercises are concluded a short intermission is taken, after which the business meeting is held. At the business sessions the students have practice in parliamentary rules and the discussions prove very beneficial.

About once a month the regular exercises are dispensed with and some prominent pharmacist of the city or state is invited to address the Association on the practical side of the drug business. The organization is not without its social features, a special meeting being held for this purpose at the end of each term.

### THE CHEMICAL ASSOCIATION.

This Association, composed of the students and instructors in the Departments of Chemistry and Pharmacy, has for its object the discussion of such subjects as are of importance to students of Chemistry, special stress being placed on recent discoveries. The meetings are held monthly and are of great interest.

### ADMISSION TO ADVANCED STANDING.

Applicants who come from the collegiate department of an approved College, and who bring explicit and official certificates describing their course of study and scholarship, and also certificates of honorable dismissal, will

be admitted without examination, except such as may be necessary to determine what credit they are to receive here for work done in the College from which they come.

### AMOUNT OF WORK.

No student is permitted to take less work than fifteen credit hours a week, except by special permission, and no student will be permitted to take more than the regular work of the class to which he belongs, who has not passed all his work for the preceding term. A credit hour means one hour of class room work in lecture, recitation or quiz, or two hours of laboratory work.

### RIGHTS AND PRIVILEGES.

Students of the College of Pharmacy are entitled to all the advantages of the Libraries, Museums, and the Gymnasium and are eligible to membership in the Literary, Scientific, Athletic, Fraternal, Musical, and other societies.

### THE CONVOCATION.

At the opening of the year in September, 1900, the daily chapel services were abandoned. As a substitute for the short daily exercises an entire hour is now devoted to a convocation at which the President presides. In addition to devotional exercises an address is delivered upon some suitable topic. During this hour the libraries and laboratories are closed and no other University exercises occur. The hour is definitely fixed at ten o'clock on Wednesday of each week.

### AIDS TO MORAL AND RELIGIOUS CULTURE.

One of the most commendable organizations in the University is the Young Men's Christian Association, organized in 1888. This association is directly affiliated with the

work for young men directed by the college department of the State Young Men's Christian Association. Services are held weekly and voluntary classes for Bible study are successfully organized. The local Association has a secretary who devotes his entire time to work among the young men.

An equally commendable organization is the Y. W. C. A., affiliated with the state organization. Religious meetings are held regularly at noon on Tuesdays. Occasionally meetings for social purposes are held as provided for by the organization.

New students are invited to write to the address below for a hand-book of information concerning the University or for information concerning rooms, boarding or employment. Address Secretary O. S. U. Y. M. C. A., 136 West Tenth Avenue, Columbus.

## PHYSICAL EDUCATION.

The Gymnasium is a large modern building, completed in 1898. The basement is used for lockers, dressing rooms and baths. The east end is used by the young women, the west end by the young men. Each end has separate shower and plunge baths.

The exercising floor, 80 x 150 feet, is thoroughly equipped with the best apparatus in duplicate. The running track is fourteen laps to the mile, with graded elevations at the curves to meet the requirements of the different rates of speed. The track is laid with felt an inch in thickness, three and a half feet wide and covered with rubber coated canvas.

The work is compulsory for the first and second year students. A thorough physical examination is made at the opening of the year, and the measurements are outlined on charts, so as to show the parts below the normal development, for which special exercises suited to the health and physical condition of each individual will be suggested.



Class leaders who act as floor aids are selected from among those who show a proficiency in the work, these students are given a certificate of their appointment as Aids, and the letter A, in scarlet, which they are entitled to wear on their gymnasium suits.

## REGISTER OF ALUMNI

- Ackerman, Graham Burt, '04, B. Sc.,..... *Columbus, O.*  
With P. J. Ackerman, Goodale and High Sts.
- Albert, Louisa Mary, '96, G. Ph.,.....  
Mrs. A. E. Vinson.
- Allaman, William Ernest, '96, G. Ph., '02, M. D.,.....*Dayton, O.*  
Physician Ohio Medical University.
- Armstrong, William H., '90, G. Ph.,.....*Marysville, O.*  
Pharmacist.
- Bagley, Anna Gertrude, '94, G. Ph.,.....*Columbus, O.*  
With The Kauffman-Lattimer Co.
- Baltzly, Stanley M., '02, Ph. C.,.....*Massilon, O.*  
With the Baltzly Drug Co.
- Barrick, Fred Ashberry, '98, Ph. C.,.....*Newark, O.*  
Chemist for Styron, Beggs & Co.
- Baughman, George Washington, '97, G. Ph.,.....*Gilboa, O.*  
Pharmacist.
- Beatty, Hugh Gibson, '04, Ph. C.,.....*Columbus, O.*  
Pharmacist with The O. Drug and Physician's Supply Co.,  
Fourth and Town Sts.
- Beeler, Clyde S., '03, Ph. C.,.....*Hamilton, O.*  
Pharmacist.
- Blair, Edward Guy, '95, G. Ph.,.....*Shawnee, O.*  
Pharmacist.
- Block, Arthur W., '02, Ph. C.,.....*Columbus, O.*  
With the Holland Stock Remedy Co.
- Bodman, Edward S., '02, Ph. C.,.....*Bement, Ill.*  
Pharmacist.
- Boesche, Felix John, '96, G. Ph.,.....*Unionville, Mo.*  
Pharmacist.
- Bolenbaugh, Albert, '04, Ph. C.,.....*Columbus, O.*  
Assistant Dispenser in Chemical Supply Store.
- Bolles, Herman U. '05, Ph. C.,.....*Cincinnati, O.*  
Traveling Representative for the W. S. Merrell Chemical  
Co., Cincinnati, O.
- Bowen, Charles Flood, '00, Ph. C., '03, M. D., *Starling Columbus, O.*  
Radiographer for Grant Hospital.

- Bradford, Ernest, '92, G. Ph.....*Columbus, O.*  
Chemist and Superintendent, The Pioneer Stove Works.
- Bradshaw, Harry James, '99, Ph. C.....*Columbus, O.*  
Pharmacist King Avenue Pharmacy.
- Braun, Joseph George, '97, G. Ph.....*Columbus, O.*
- Brewer, John Whitney, '96, G. Ph.....*Columbus, O.*  
Pharmacist with the Columbus Pharmacal Co.
- Brower, Harrold Ozias, '04, Ph. C.....*Columbus, O.*  
With A. W. Kiler, High St. and Eleventh Ave.
- Bunnell, Lacrone Allen '98, G. Ph.....*Dayton, O.*  
Pharmacist.
- Calkins, William Bartlett, '98, G. Ph.....*St. Louis, Mo.*  
Chemist for the LaClede Gas, Light and Power Co.
- Canfield, Delos Wilford, '00, Ph. C.....*Columbus, O.*
- Cassady, Clyde Brint, '01, Ph. C.....*Alliance, O.*  
With the Cassady Drug Co.
- Chaney, Lee F., '04, Ph. C.....*Hillsboro, O.*  
With The L. F. Cheney Barometer Co.
- Cromley, Alva Miller, '97, G. Ph.....*Columbus, O.*  
The Columbian Drug Store, Long St. and Washington Ave.
- Culbertson, Claude Lanier, '98, Ph. C.....*Zanesville, O.*  
With Culbertson & Gorsuch.
- Cummins, Henry Rollin, '91, G. Ph.....*Cleveland, O.*  
Pharmacist Lake View Hospital.
- Day, Clayton Miller, '99, Ph. C.....*Blanchester, O.*  
Pharmacist.
- Dickerson, Archie, '03, Ph. C.....*Xenia, O.*  
Pharmacist East End Pharmacy.
- Dye, Clair Albert, '91, G. Ph.; '01, Ph. D., Berne, Switzerland  
.....*Columbus, O.*  
Assistant Professor Pharmacy, O. S. U.
- Dysart, Nelson C., '04, Ph. C.....*Columbus, O.*  
Student Starling Medical College.
- Easterday, Charles Tod, '91, G. Ph.....*Wellston, O.*  
With Parke, Davis & Co.
- Engleken, Edward, '05, Ph. C.....*Versailles, O.*  
Pharmacist with R. G. Goodale.
- Fischer, Robert, '95, Ph. C.; '96, M. Ph.; '98, B. Sc..*St. Louis, Mo.*  
Instructor in Chemistry in High School.
- Funk, Roy W., '99, Ph. C.; '02, B. Sc.....*Logan, O.*  
Pharmacist with Bort & Co.
- Gardner, Charles Alfred, '00, Ph. C.....*Canton, O.*  
Pharmacist 7th and Cleveland Aves.
- Goodman, Sylvester Jacob, '96, G. Ph.; '00, M. D., Jefferson,  
.....*Columbus, O.*  
Medical College Physician, E. State St.; Asst. Surgeon Grant  
Hospital.
- Grandle, Frank Albert, '91, G. Ph.....'*Centerburg, O.*  
Pharmacist.

- Graner, Carl, '98, G. Ph.....*Benicia Barracks, Cal.*  
Hospital Steward, U. S. A.
- Green, Robert Lee, '92, G. Ph.....*Notre Dame, Ind.*  
Professor of Pharmacy, Notre Dame College.
- Groff, Orsylla A., '94, G. Ph.....*Columbus, O.*  
Pharmacist, 2091 N. High St.
- Hancock, David Ransom, '89, G. Ph., '92, M. D., Starling  
Physician. *The Redondo, Los Angeles, Cal.*
- \*Hancock, William Stuart, '02, Ph. C. Died.
- Haney, Thomas Carlyle, '94, G. Ph.....*Columbus, O.*  
Pharmacist, 102 East Schiller St.
- \*Harrold, Ernest Ellwood, '95, G. Ph. Died Jan., 1905.....
- Harvey Sherman Lee, '96, G. Ph.....*Columbus, O.*  
Pharmacist with E. Stroedter, S. High St.
- Harvey, Lucy Monola, '00, Ph. C.....*Pomeroy, O.*  
Pharmacist.
- Heath, Arthur T., '87, G. Ph.....*Ashtabula, O.*  
Analytical Chemist, Consulting Engineer and Contractor.
- Henderson, Herbert B., '04, B. Sc.....*Columbus, O.*  
With the Hance-Brown Casting Co.
- Higgins, Ernest J., '02, Ph. C.....*Columbus, O.*  
Pharmacist with The Byrn Pharmacy.
- Holloway, David Frank, '99, Ph. C.....*Columbus, O.*  
Pharmacist State Hospital.
- Hoover, Walter Emmett, '01, Ph. C.....*Columbus, O.*  
Pharmacist with the Oak Street Pharmacy, Oak and 18th Sts.
- Huddleson, Don Carlos, '97, G. Ph.....*Columbus, O.*  
Instructor in Gymnasium, O. S. U.
- Huff, George Harry, '99, Ph. C.....*Columbus, O.*  
With the Kauffman-Lattimer Co.
- Johnson, Columbus C., '04, Ph. C.....*Columbus, O.*  
Chemist for the Columbus Wholesale Merchandise Co.
- Johnson, William Noel, '99, Ph. C.....*Springfield, O.*  
Pharmacist.
- Johnson, Columbus C., '04, Ph. C.....*Cleveland, O.*  
Pharmacist.
- Jones, Daniel David, '93, G. Ph.....*Athens, O.*  
With the First National Bank.
- Kathe, Bernard J., '99, Ph. C.....
- Kerr, Franklin Pierce, Jr., '99, Ph. C.....*Columbus, O.*  
Pharmacist, Mt. Vernon and Jefferson Aves.
- Keiser, Romeo Orpheus, '92, B. S.; '96, G. Ph.....*Columbus, O.*  
'98, M. D., O. M. U.; '99, M. D., Cleveland Homeopathic Medical College; Physician, N. Washington Ave.
- Kiler, Abdel William, '96, G. Ph.....*Columbus, O.*  
Pharmacist, High St. and Eighth Ave.
- Kimberly, Charles Hubbell, '00, B. Sc.; '01, M. A....*Fargo, N. D.*  
Instructor in Pharmacy and Assistant in Chemistry, North Dakota Agricultural College.
- Krieger, Charles Henry, '87, G. Ph.....*Columbus, O.*  
Traveling Representative for Merck & Co.



- Llance, Leroy Armstrong, Jr., '99, Ph. C.....*Wheeling, W. Va.*  
Pharmacist, Market St.
- Landacre, Walter Alexander, '91, G. Ph.; '02, B. Sc..*Columbus, O.*  
Chemist for H. Braun's Sons Co.
- Lawler, Fred J., '05, Ph. C.....*Mansfield, O.*  
Pharmacist with C. S. Ashbrook.
- Lawrence, Arthur Kelton, '97, G. Ph.....*Columbus, O.*  
Student Ohio Medical College.
- Lee, Edwin Sherman, '93, G. Ph.....*Columbus, O.*  
Pharmacist.
- \*Leffler, Edward Victor, '96, G. Ph. Died July 13, 1901.....
- Lefferson, Charles Henry, '01, Ph. C.....*Defiance, O.*  
Pharmacist.
- Logsdon, Clement Joy, '98, G. Ph.....*Osborne, O.*  
Pharmacist.
- McBride, Charles Robert, '02, Ph. C.....*Manila, P. I.*  
U. S. Public Health and Marine Hospital Service.
- McClure, Clarence M., '04, Ph. C.....*Hillsboro, O.*  
Pharmacist with Smith Bros. Drug Co.
- MacGuire, Charles White, '95, G. Ph.; '97, M. D.....*Toledo, O.*  
Toledo Medical College.  
Physician and Pharmacist, Utah and Fassett Sts.
- Magley, Robert O., '97, G. Ph.....*Columbus, O.*  
Agent for the Bessie Ferro Silicate Co.
- Mason, George Francis, '90, G. Ph.; '00, M. D.....*Columbus, O.*  
Milwaukee Medical College.  
Physician.
- Matson, George Hiram, '92, G. Ph.; '05, M. D.....*Columbus, O.*  
Ohio Medical University.  
Physician, Long St. and Lexington Ave.; Professor of Pharmacy and Materia Medica, O. M. U.
- Mebs, George Henry, '97, G. Ph.....*Columbus, O.*  
Pharmacist with Hatton Bros.
- Metzger, Edward Henry, '97, G. Ph.....*Columbus, O.*  
Pharmacist with the Wendt-Bristol Co.
- Middleton, Ambrose, '95, G. Ph.....*Malta, O.*  
Pharmacist.
- Miller, Daniel Elmer, '90, G. Ph.; '00, M. D.....*Dayton, O.*  
Ohio Medical College, Cincinnati.  
Physician.
- Moore, Rodney Downing, '98, Ph. C.....*Youngstown, O.*  
Pharmacist, E. Federal St.
- Morris, Harry, '98, Ph. C.....*Lowmoore, Va.*  
Chemist for the Lowmoore Iron Co.
- Mess, William, '98, G. Ph.....*Cambridge, O.*  
General Manager Cambridge Street Railway Co.
- Naddy, Charles Joseph, '99, Ph. C.....*Columbus, O.*  
Pharmacist, First Ave. and Fourth St.
- Odebrecht, August, '95, G. Ph.....*Granville, O.*  
Student Denison University.

- Obetz, Francis H., '98, G. Ph.; '99, M. D.....*Columbus, O.*  
 Starling Medical College.  
 Physician, E. Main St.
- Oglesby, Nicholas Perkins, '00, Ph. C.; '04, M. D...*Columbus, O.*  
 Starling Medical College.  
 Interne Mt. Carmel Hospital.
- Patton, Clark, '05, Ph. C.....*Columbus, O.*  
 Pharmacist with the Oak Street Pharmacy, Oak and 17th St.
- Pearce, George Downer, '92, G. Ph.....*South Charleston, O.*  
 Pharmacist.
- \*Pope, Harry Bently, '01, Ph. C. Died April 27, 1905.
- Potter, Lewis Hall, '99, Ph. C.....*Columbus, O.*  
 With Schroth & Potter.
- Reese, William Henry, '96, G. Ph.....*Glenroy, O.*  
 Dealer in Gents' Furnishings.
- Rostofer, Freeman Allen, '99, Ph. C.....*Columbus, O.*  
 With The Columbus Pharmacal Co.
- Sauerbrun, Otto O., '04, Ph. C.....*Columbus, O.*  
 Pharmacist with H. L. Beck & Co., 366 S. Fourth St.
- Shilling, Robert William, '98, Ph. C.; '01, M. D....*Knoxville, O.*  
 O. M. U.  
 Physician.
- Slater, Burr Homer, '95, G. Ph.....*Chesterville, O.*  
 Pharmacist.
- Smith, Burton Griffin, '95, G. Ph.....*Manila, P. I.*  
 Hospital Steward, U. S. A.
- Smith, Clarence Elmer, '98; G. Ph., '01, M. D.....*Warren, O.*  
 O. M. U.  
 Physician.
- Smith, Edward E., '97, G. Ph.....*Wagoner, Ind. Ter.*  
 Pharmacist.
- Smith, Mabel Elsie, '04, Ph. C.....*Columbus, O.*  
 With the Mykrantz Pharmacy.
- Somermeier, Edward Everett, '98, G. Ph.....*St. Louis, Mo.*  
 Chemist for U. S. Coal Testing Laboratory.
- Southard, Fustace Elden, '95, G. Ph.....*Columbus, O.*  
 With The Southard Novelty Printing Co.
- Spease, Edward, '05, Ph. C.....*Columbus, O.*  
 Student Assistant, College of Pharmacy and Student, O. S. U.
- Spencer, William Henry, '91, G. Ph.....*Sandusky, O.*
- Stanberv, Charles Longstreth, '92, G. Ph.....*McConnelsville, O.*  
 Pharmacist.
- Stump, William Lisle, '97, G. Ph.; '98, Ph. M.....*Marion, O.*  
 Pharmacist with M. L. Dumble.
- Sutphen, James Leonard, '97, G. Ph.....*Columbus, O.*  
 Pharmacist, Livingston and Parsons Ave.
- Sweet, Fred Watson, '98, Ph. C.....*Columbus, O.*  
 With the John Hancock Insurance Co.
- Swisher, William Henry, '96, G. Ph.; '00, M. D.....*Dayton, O.*  
 Ohio Medical College.  
 Physician.

- Teter, Anstie Welch, '96, G. Ph.....*Bainbrige, O.*  
Pharmacist.
- Tupper, Eugene Larry, '93, G. Ph.; '97, M. D.....*Ottawa, O.*  
University Minnesota.  
Physician.
- Van Cleve, Pearl Clark, '05, Ph. C.....*Big Plain, O.*
- Voke, Lewis Farwell, '93, G. Ph.; '96, M. D.....*Columbus, O.*  
Starling Medical College.  
Physician with the France Medical Institute.
- Wagstaff, Edward A., '93, G. Ph.....
- Wagstaff, Harry Garfield, '00, Ph. C.....
- Webb, Edward Nathan, '02, B. Sc.; '04, M. A.....*Columbus, O.*  
Chemist for the Columbus Pharmacal Co.
- Weidner, George F., '87, G. Ph.....*Columbus, O.*  
Chemist for The Kauffman-Lattimer Co.
- Wendt, William Carl, '89, G. Ph.....*Columbus, O.*  
Pharmacist the Wendt-Bristol Co. S. High St.
- Whitacre, William M., '04, Ph. C.....*Columbus, O.*  
Pharmacist with the Miller Drug Co., and Student O. S. U.
- Whitford, Eula Agler, '95, G. Ph.....*Columbus, O.*  
With the Columbus Pharmacal Co.
- Winter, Carl, '04, Ph. C.....*Columbus, O.*  
With the Kauffman-Lattimer Co.
- Young, Harry Nelson, '95, G. Ph.....*Flint, Mich.*  
Pharmacist.
- Young, Cyrus Homer, '01, B. Sc.....*Columbus, O.*  
Chemist with Professor N. W. Lord.